

## TITLE V INDICATOR TEMPLATES

**INDICATOR:** Deaths due to unintentional injuries among children and youth

**DEFINITION:** The three year average rate of deaths due to unintentional injuries (E-codes 800.0-949.9) per 100,000 children and youth (ages 0 through 24 years)

**NUMERATOR:** The number of deaths due to unintentional injuries among children and youth (ages 0 through 24 years), by place of residence (three year average)

**DENOMINATOR:** The total population (ages 0 through 24 years), by place of residence for the middle year of the three year time period of interest

**HEALTHY PEOPLE 2000 OBJECTIVE:**

Reduce deaths caused by unintentional injuries to no more than 29.3 per 100,000 people (Objective 9.1)

California MCH Five Year Objective: Reduce deaths among children and youth through age 24 caused by unintentional injuries by at least 15 percent.

**RISK FACTORS:** Low income; race/ethnicity (African American, American Indian, Alaska Native); gender (male); inadequate parental supervision/environmental precautions taken; parental/personal alcohol or substance abuse; access to weapons/inadequate firearm regulation/enforcement; lack of health care provider counseling/focus; lack of knowledge about injury protection devices/countermeasures/regulations; lack of consistent legislation/enforcement/ use of protective devices; lack of use of sports/recreation protective gear; mental health/developmental disability

### Deaths due to unintentional injuries among children and youth ( ages 0 through 24 years)

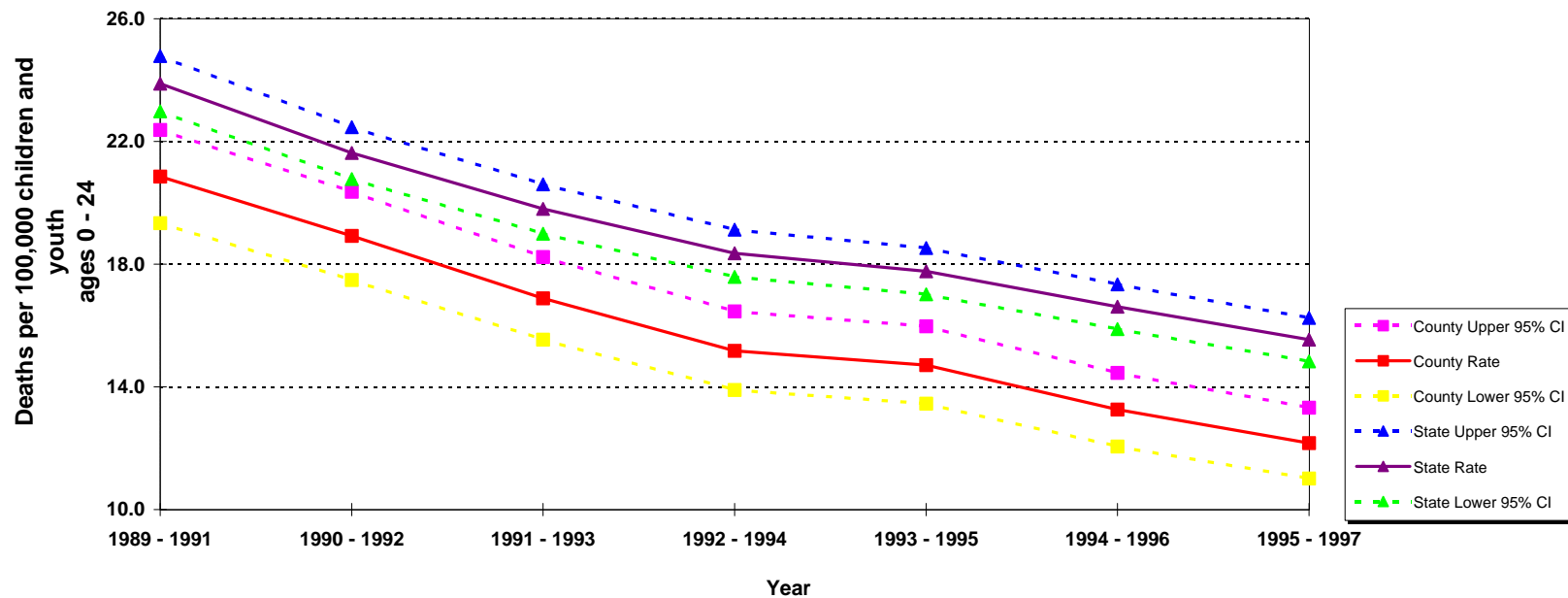
	California				LA County			
			95% Confidence Interval				95% Confidence Interval	
Three Year Average	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1989 - 1991	2,709	23.9	23.0	24.8	724	20.9	19.3	22.4
1990 - 1992	2,493	21.6	20.8	22.5	664	18.9	17.5	20.4
1991 - 1993	2,325	19.8	19.0	20.6	600	16.9	15.5	18.2
1992 - 1994	2,171	18.4	17.6	19.1	538	15.2	13.9	16.5
1993 - 1995	2,112	17.8	17.0	18.5	522	14.7	13.4	16.0
1994 - 1996	1,980	16.6	15.9	17.3	468	13.3	12.1	14.5
1995 - 1997	1,860	15.5	14.8	16.2	428	12.2	11.0	13.3

**Sources:** 1989-1997 death records from the California Department of Health Services, Center for Health Statistics

Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

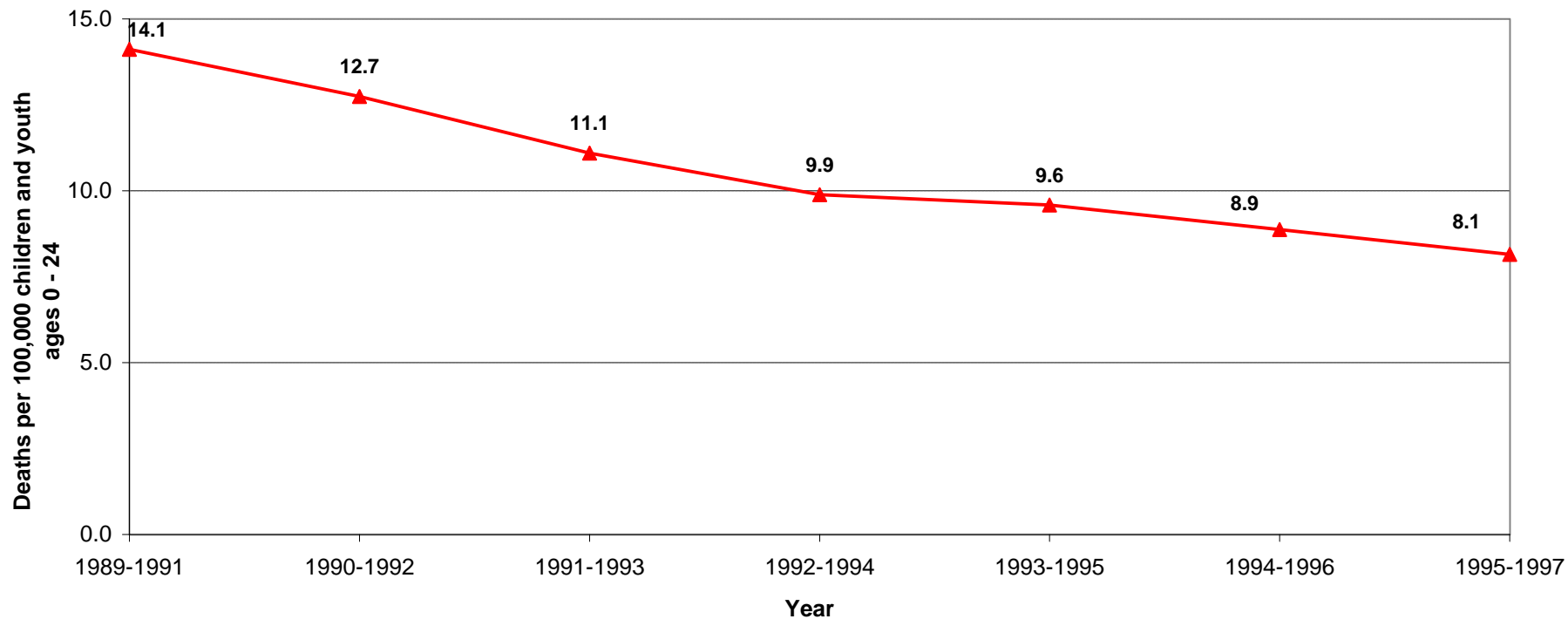
DENOMINATOR: Total population ages 0 through 24			NUMERATOR: Deaths among children and youth (0-24) caused by unintentional injuries	
Year	California	LA County	California	LA County
1989	11,190,077	3,476,036	2,866	720
1990	11,343,158	3,472,855	2,730	761
1991	11,529,744	3,507,456	2,531	692
1992	11,743,733	3,552,887	2,218	538
1993	11,827,912	3,544,537	2,227	570
1994	11,882,205	3,546,404	2,067	506
1995	11,916,553	3,529,488	2,041	489
1996	11,971,762	3,518,026	1,831	409
1997	12,207,730	3,569,947	1,709	386

**Deaths Due to Unintentional Injuries  
per 100,000 Among Ages 0 - 24 Years  
California vs. Los Angeles County  
Three Year Averages: 1989 through 1997**



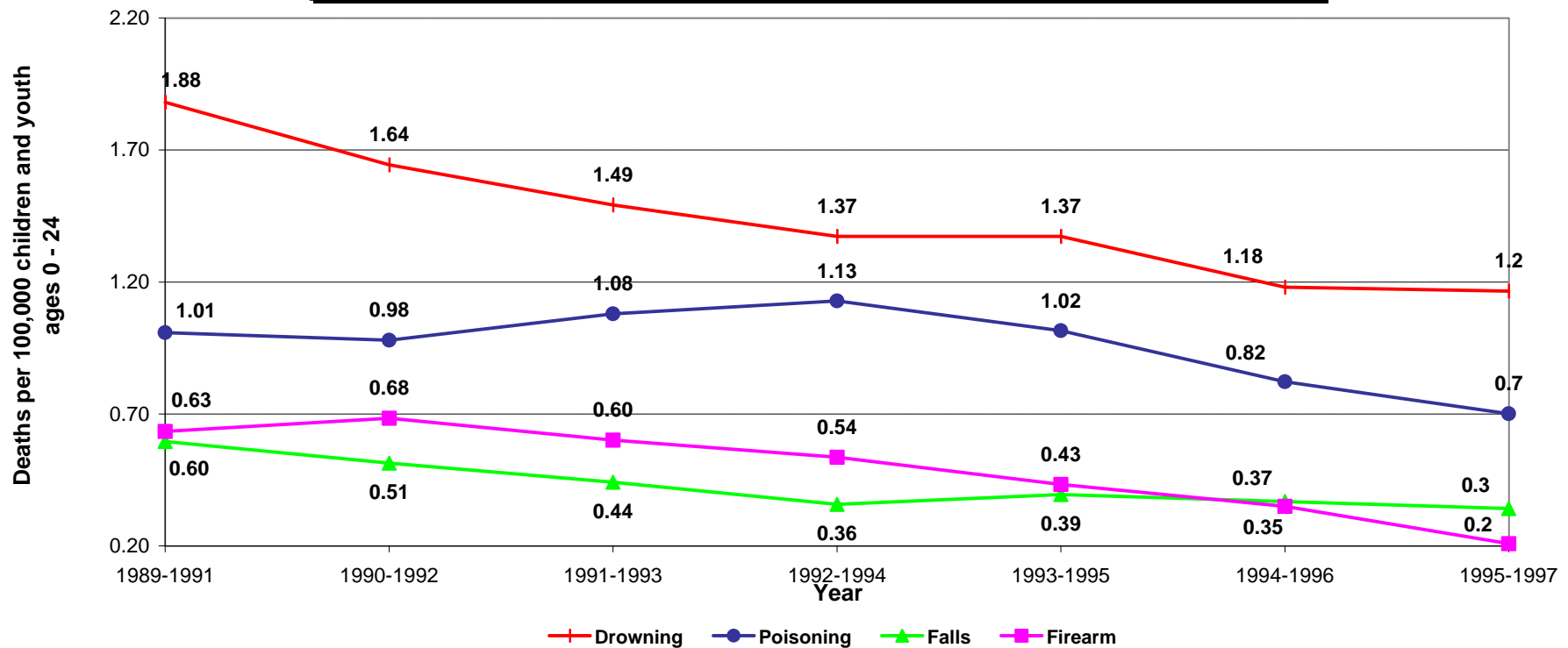
**Sources:** 1989-1997 death records from California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates  
with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

**Deaths Due to Motor Vehicle Crashes  
per 100,000 Children and Youth Ages 0 - 24  
Los Angeles County, 3-Year Average, 1989 - 1997**

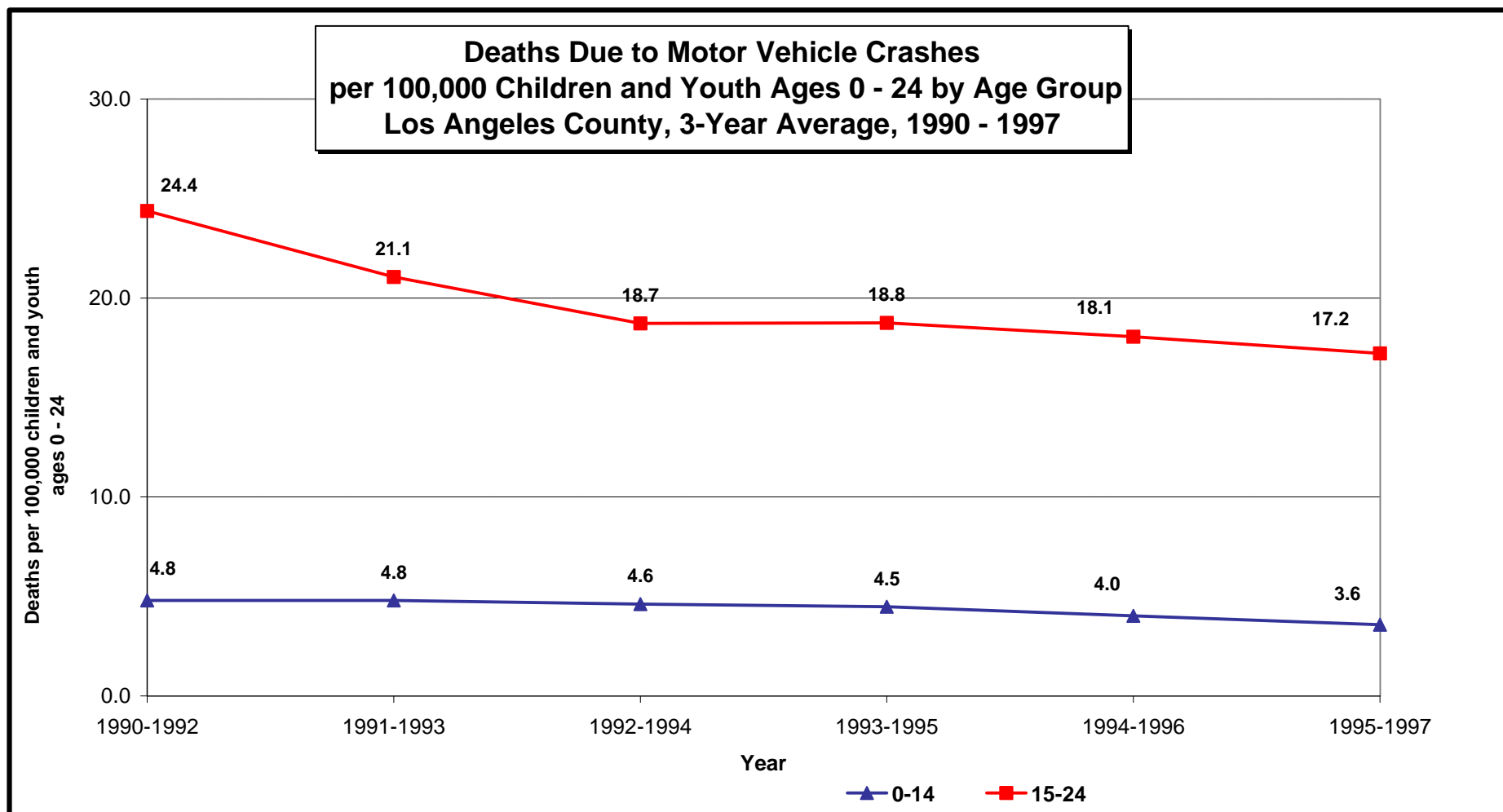


Sources: 1989-1997 death records from the California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, 1970-2040 Race/Ethnic Population Estimates for  
for Counties with Age and Gender Detail, Sacramento, California, December, 1998

**Deaths Due to Unintentional Injuries  
per 100,000 Children and Youth Ages 0 - 24 By Selected Mechanisms  
Los Angeles County, 3-Year Average, 1989 - 1997**

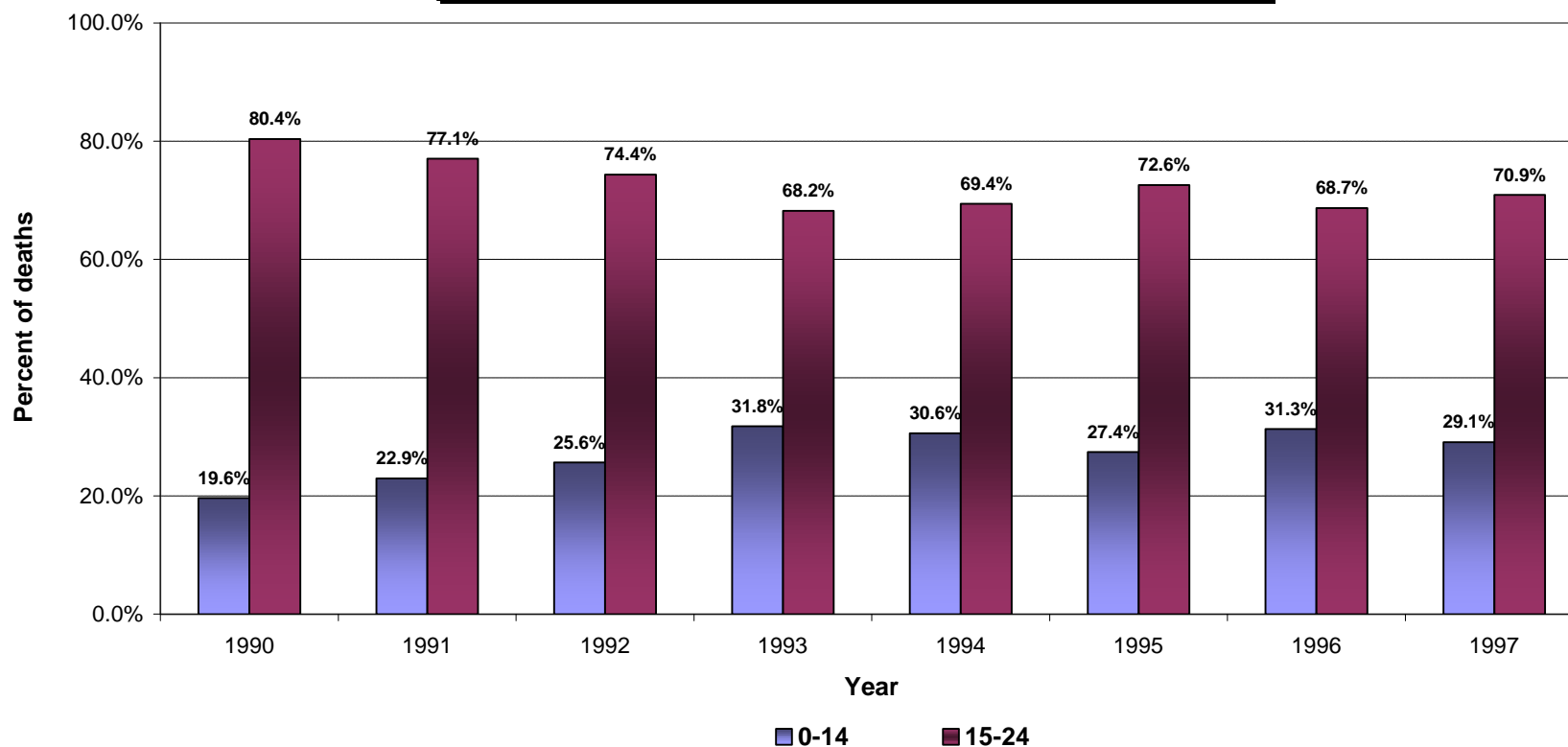


Sources: 1989-1997 death records from the California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, 1970-2040 Race/Ethnic Population Estimates for  
for Counties with Age and Gender Detail, Sacramento, California, December, 1998



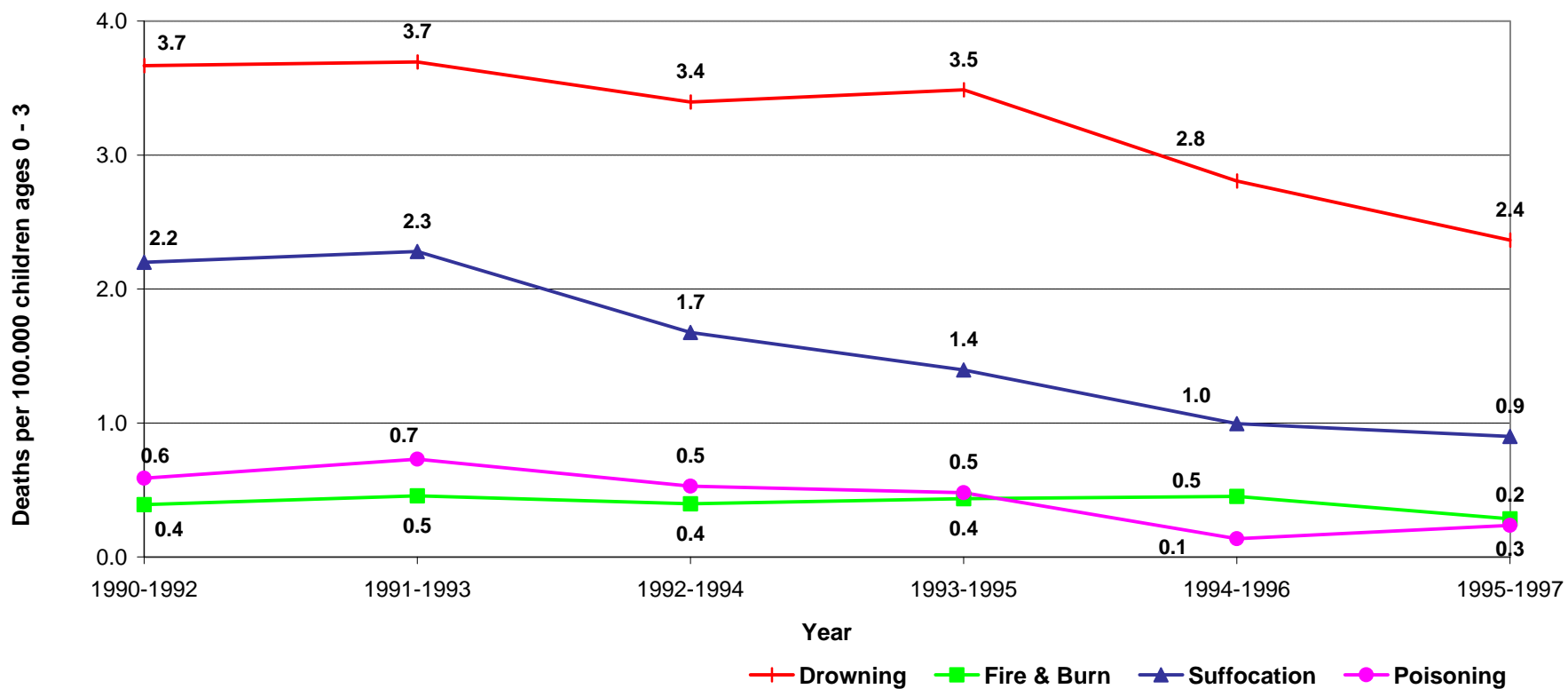
Sources: 1990-1997 death records from the California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, 1970-2040 Race/Ethnic Population Estimates for  
for Counties with Age and Gender Detail, Sacramento, California, December, 1998

**Percent of Deaths Due to Motor Vehicle Crashes  
Among Children and Youth Ages 0 - 24 by Age Group  
Los Angeles County, 1990 - 1997**



Sources: 1990-1997 death records from the California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, 1970-2040 Race/Ethnic Population Estimates for  
for Counties with Age and Gender Detail, Sacramento, California, December, 1998

**Deaths Due to Unintentional Injuries  
per 100,000 Children Ages 0 - 3 by Selected Mechanisms  
Los Angeles County, 3-Year Average, 1990 - 1997**



Sources: 1990-1997 death records from the California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, 1970-2040 Race/Ethnic Population Estimates for  
for Counties with Age and Gender Detail, Sacramento, California, December, 1998

# **TITLE V INDICATOR TEMPLATES**

**INDICATOR:** Deaths due to assaultive injuries (homicide) among children and youth

**DEFINITION:** The three year average rate of deaths due to homicide (E-Codes 960.0-969.9) per 100,000 children and youth (ages 0 through 24 years)

**NUMERATOR:** The number of deaths due to homicide among children and youth (ages 0 through 24), by place of residence (three year average)

**DENOMINATOR:** The total population ages 0 through 24, by place of residence, for the middle year of the three year time period of interest

## **HEALTHY PEOPLE 2000 OBJECTIVE:**

Reduce homicides to no more than 7.2 per 100,000 people (Objective 7.1)

Special population target:

Children aged 3 and younger (3.1 per 100,000; Objective 7.1a)

**RISK FACTORS:** Low income; gender (male); age (teens, young adults); race/ethnicity (African American, Hispanic); history of abuse (victims of spousal/intimates, or child abuse); substance use/abuse; drug trafficking activity; easy access to firearms

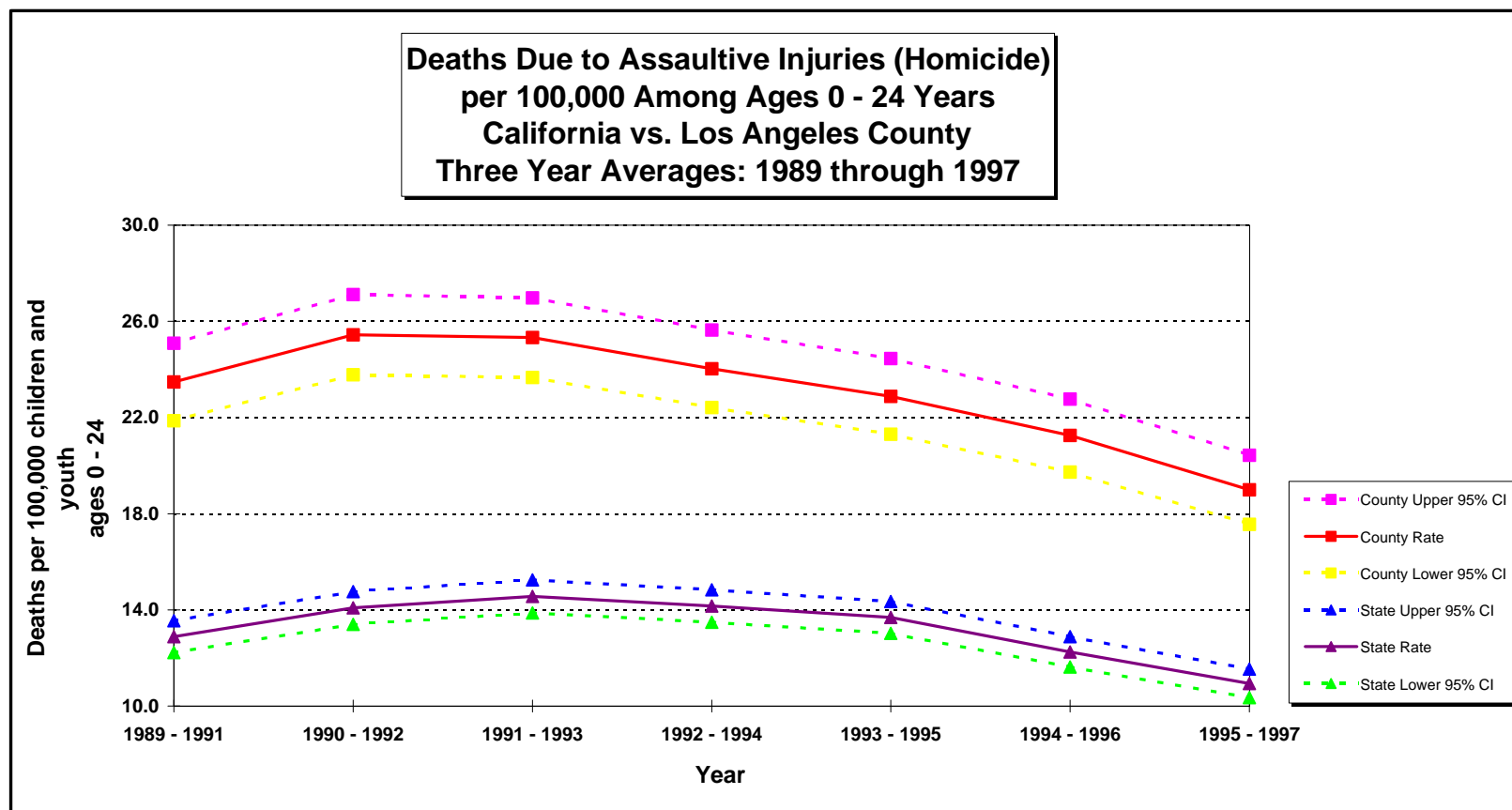
## **Deaths due to homicide among children and youth (ages 0 through 24 years)**

	California				LA County			
			95% Confidence Interval				95% Confidence Interval	
Three Year Average	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1989 - 1991	1,462	12.9	12.2	13.5	815	23.5	21.9	25.1
1990 - 1992	1,623	14.1	13.4	14.8	892	25.4	23.8	27.1
1991 - 1993	1,710	14.6	13.9	15.2	900	25.3	23.7	27.0
1992 - 1994	1,675	14.2	13.5	14.8	852	24.0	22.4	25.6
1993 - 1995	1,626	13.7	13.0	14.3	811	22.9	21.3	24.5
1994 - 1996	1,460	12.3	11.6	12.9	750	21.2	19.7	22.8
1995 - 1997	1,310	10.9	10.4	11.5	668	19.0	17.6	20.4

**Sources:** 1989-1997 death records from the California Department of Health Services, Center for Health Statistics

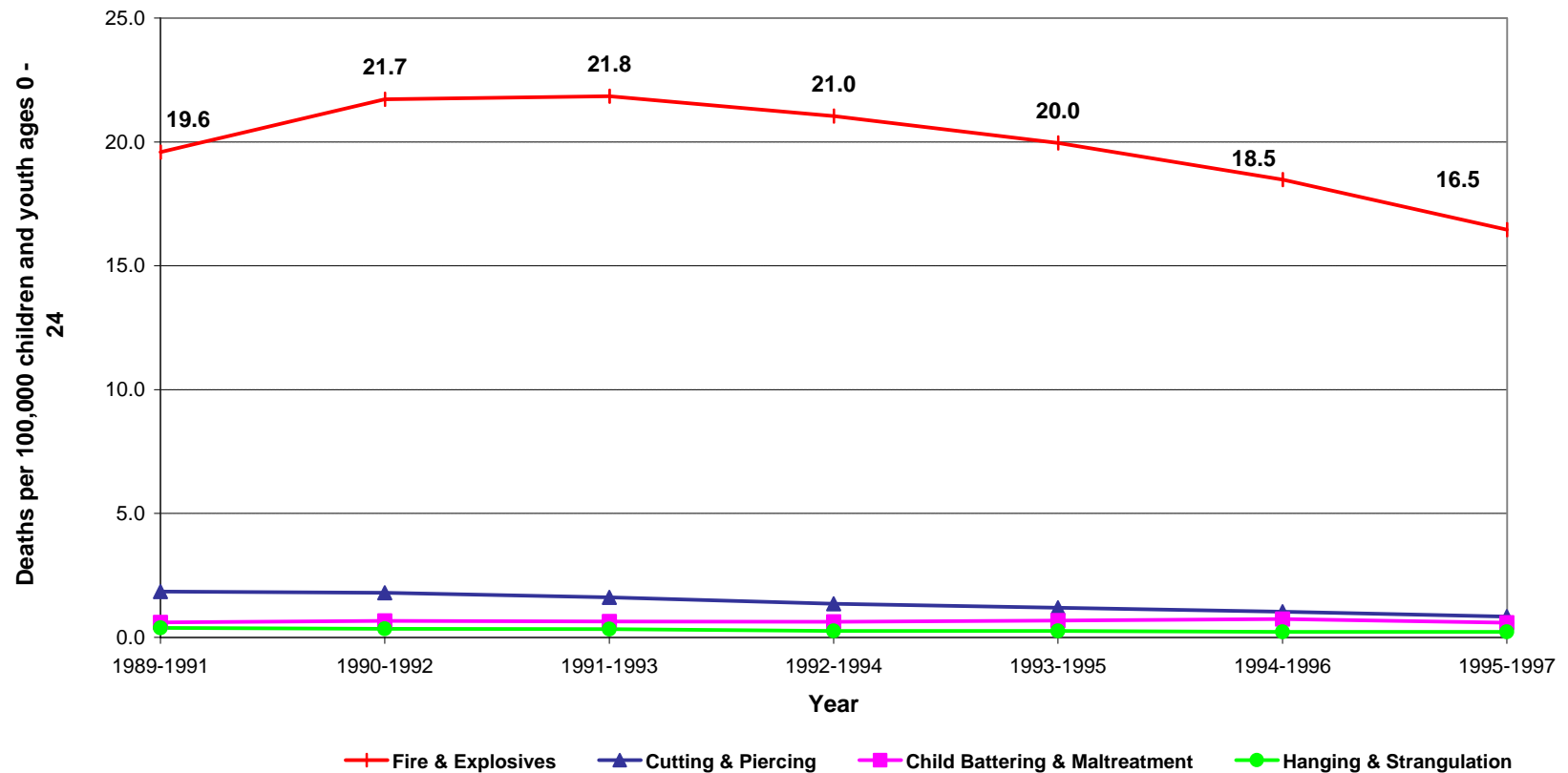
Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

DENOMINATOR: Total population ages 0 through 24			NUMERATOR: Deaths among children and youth (0-24) caused by homicide	
Year	California	LA County	California	LA County
1989	11,190,077	3,476,036	1,215	693
1990	11,343,158	3,472,855	1,468	820
1991	11,529,744	3,507,456	1,702	933
1992	11,743,733	3,552,887	1,700	924
1993	11,827,912	3,544,537	1,727	842
1994	11,882,205	3,546,404	1,597	789
1995	11,916,553	3,529,488	1,553	803
1996	11,971,762	3,518,026	1,230	658
1997	12,207,730	3,569,947	1,147	544



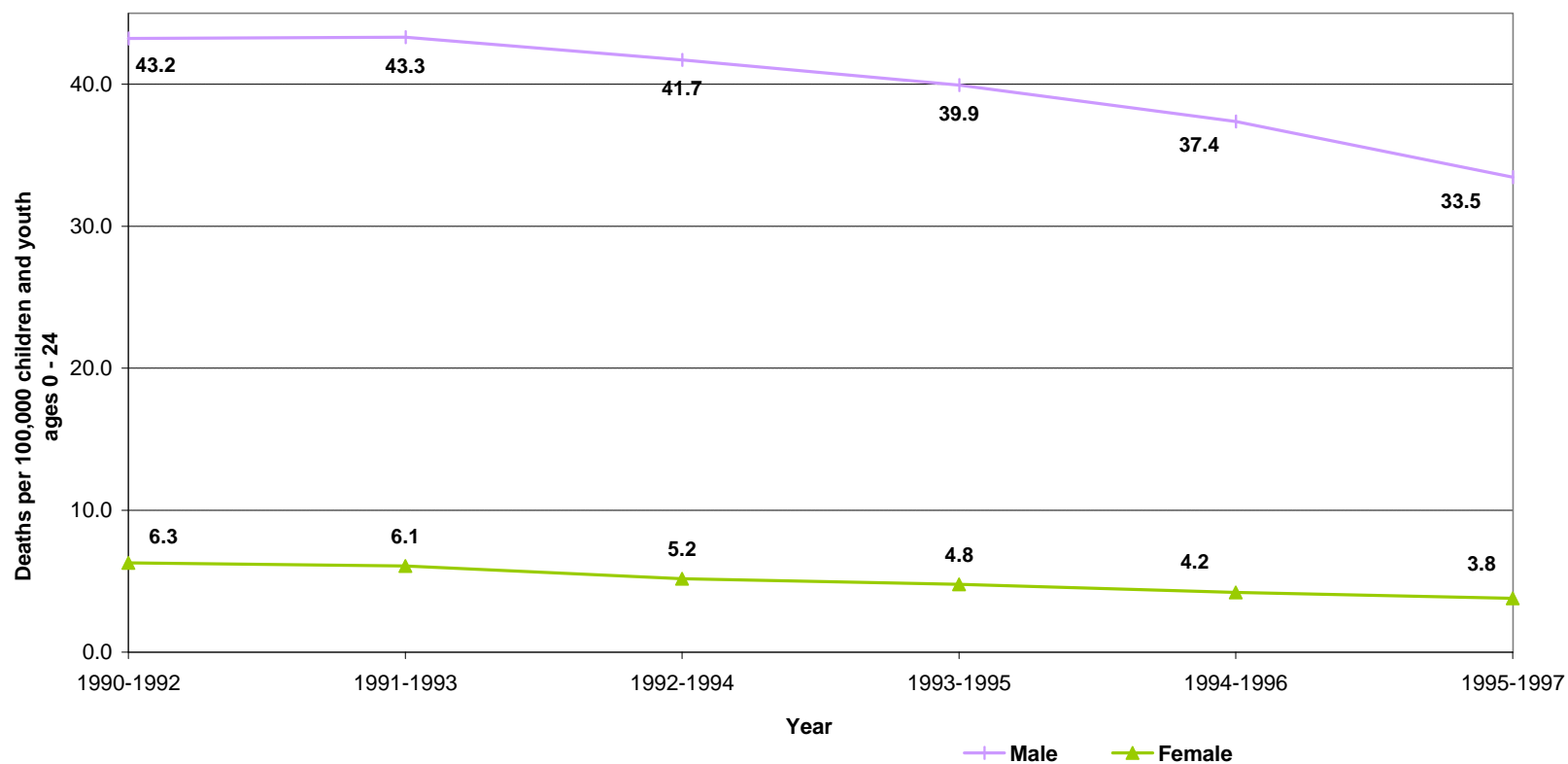
**Sources:** 1989-1997 death records from California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

**Deaths Due to Assaultive Injuries  
per 100,000 Children and Youth Ages 0 - 24 By Selected Mechanisms  
Los Angeles County, 3-Year Averages, 1989 - 1997**

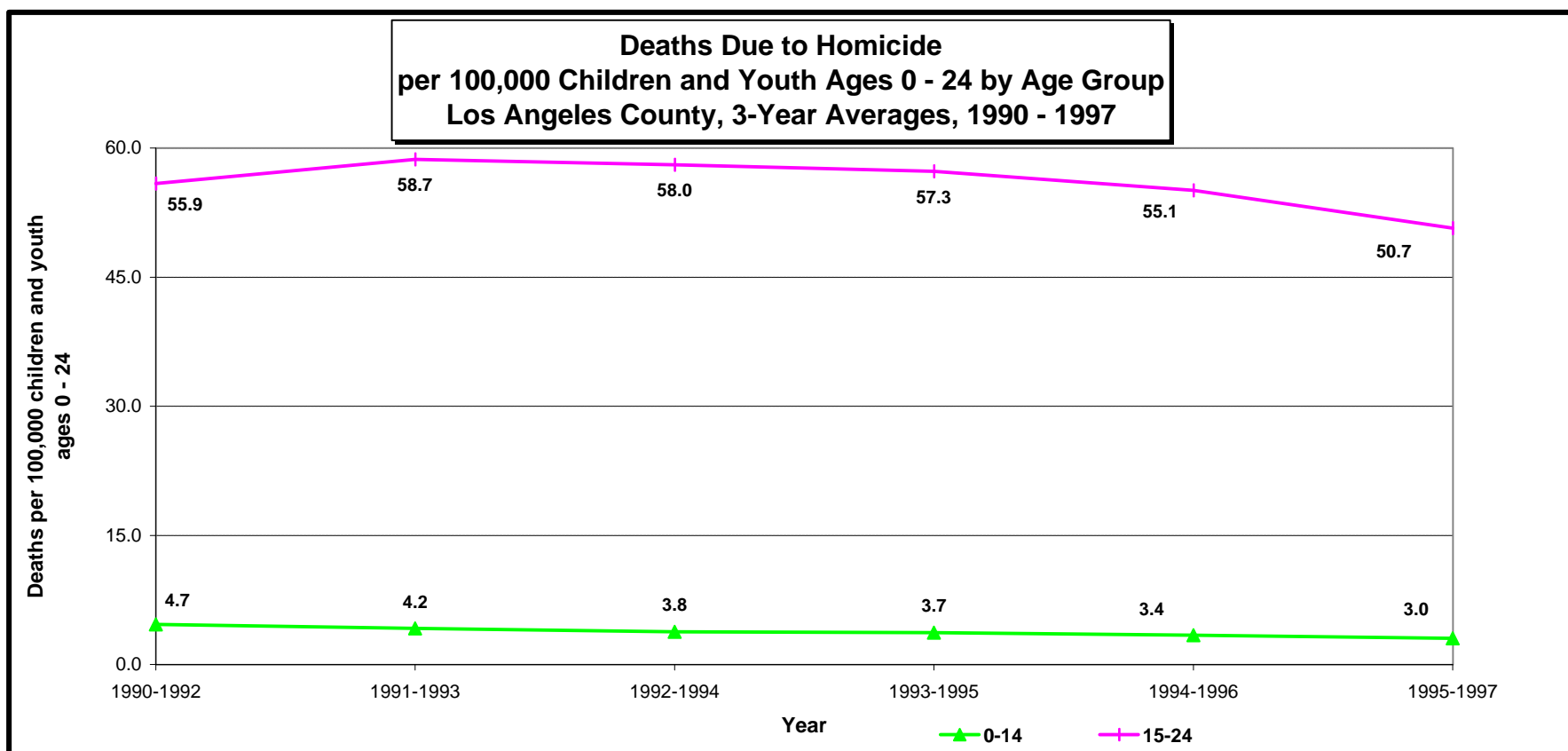


Sources: 1989-1997 death records from the California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, 1970-2040 Race/Ethnic Population Estimates for  
for Counties with Age and Gender Detail, Sacramento, California, December, 1998

# **Deaths Due to Homicide per 100,000 Children and Youth Ages 0-24 by Gender Los Angeles County, 3-Year Averages, 1990 - 1997**

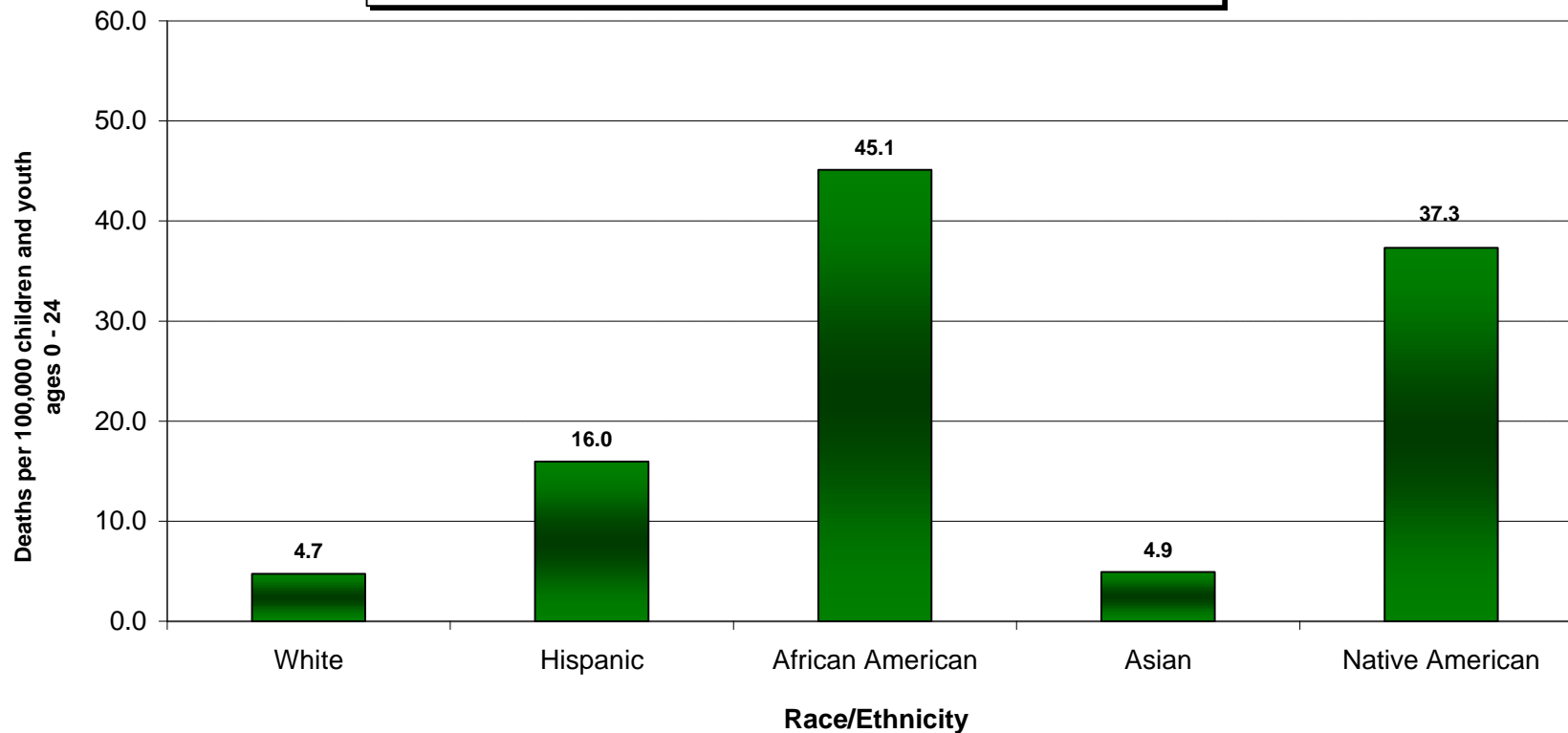


Sources: 1990-1997 death records from the California Department of Health Services, Center for Health Statistics  
 Denominator data: State of California, Department of Finance, 1970-2040 Race/Ethnic Population Estimates for  
 for Counties with Age and Gender Detail, Sacramento, California, December, 1998



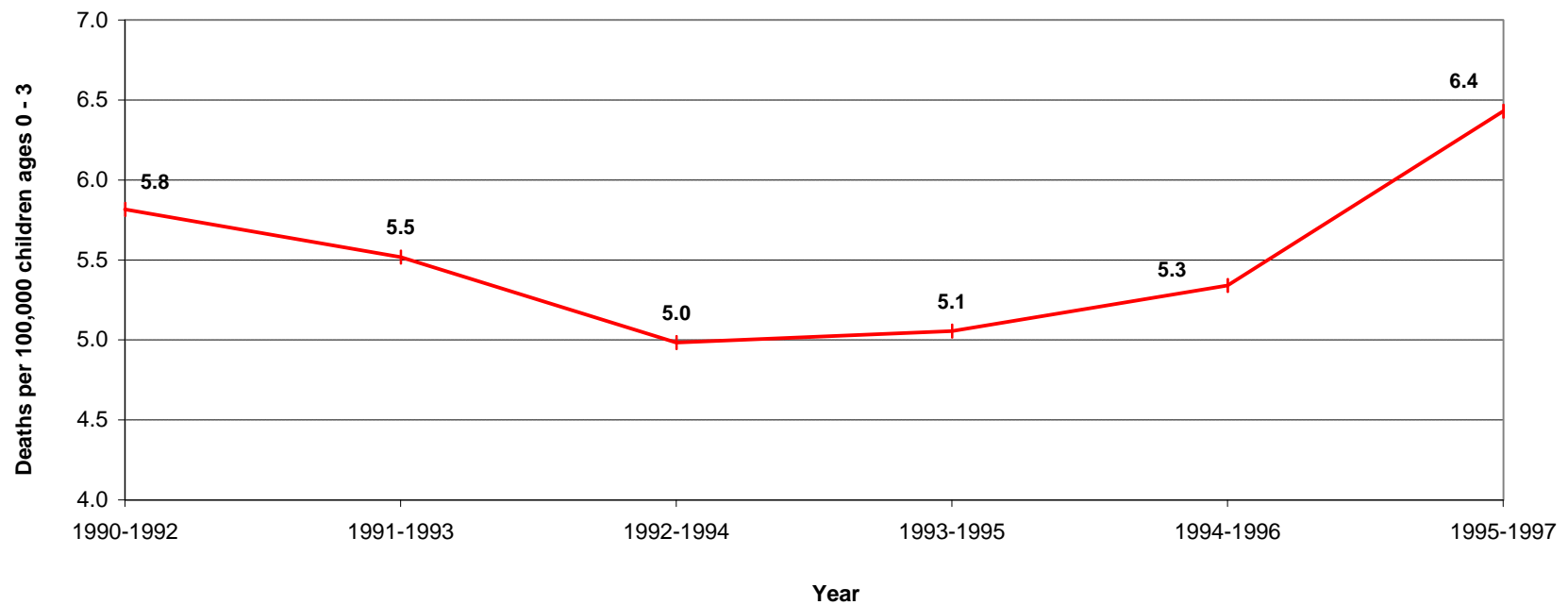
Sources: 1990-1997 death records from the California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, 1970-2040 Race/Ethnic Population Estimates for  
for Counties with Age and Gender Detail, Sacramento, California, December, 1998

**Deaths Due to Homicide per 100,000 Children and Youth  
Ages 0 - 24 by Race/Ethnicity Los Angeles County, 1997**



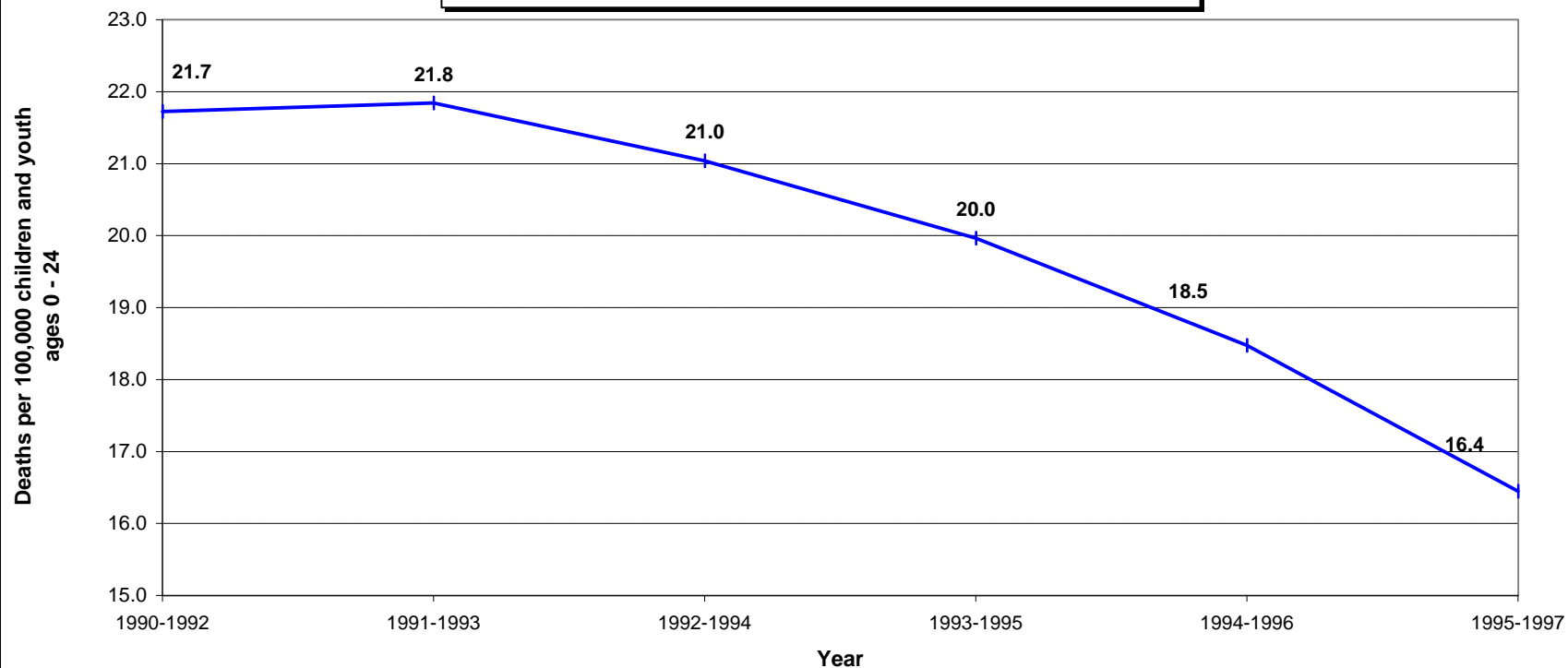
Sources: 1990-1997 death records from the California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, 1970-2040 Race/Ethnic Population Estimates for  
for Counties with Age and Gender Detail, Sacramento, California, December, 1998

**Deaths Due to Homicide per 100,000 Children Ages 0 - 3  
Los Angeles County, 3-Year Average, 1990 - 1997**



Sources: 1990-1997 death records from the California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, 1970-2040 Race/Ethnic Population Estimates for  
for Counties with Age and Gender Detail, Sacramento, California, December, 1998

**Deaths Due to Intentional Firearm Injuries  
per 100,000 Children and Youth Ages 0 - 24  
Los Angeles County, 3-Year Averages, 1990 - 1997**



Sources: 1990-1997 death records from the California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, 1970-2040 Race/Ethnic Population Estimates for  
for Counties with Age and Gender Detail, Sacramento, California, December, 1998

# **TITLE V INDICATOR TEMPLATES**

<b>INDICATOR:</b>	<b>Deaths due to suicide among children and youth</b>
<b>DEFINITION:</b>	The three year average rate of deaths due to suicide (E-Codes 950.0-959.9) per 100,000 children and youth (ages 0 through 24 years)
<b>NUMERATOR:</b>	The number of deaths due to suicide among children and youth (ages 0 through 24), by place of residence (three year average)
<b>DENOMINATOR:</b>	The total population ages 0 through 24, by place of residence, for the middle year of the three year time period of interest
<b>HEALTHY PEOPLE 2000 OBJECTIVE:</b>	Reduce suicides to no more than 10.5 per 100,000 people (Objective 7.2) Special population target: Youth aged 15 to 19 (8.2 per 100,000; Objective 7.2a)
<b>RISK FACTORS:</b>	Mental health disorders (depression, schizophrenia, anti-social personality disorder, panic disorder); substance use/abuse; gender (male); age (youth ages 15-19); race/ethnicity (White, American Indian); previous suicide attempt; inadequate mental health treatment; precipitous or stressful life events; family history of suicide or psychiatric disorders; exposure to suicidal behaviors; family violence; availability of firearms; low income; low socioeconomic status/unemployment.

## **Deaths due to suicide among children and youth 0 through age 24**

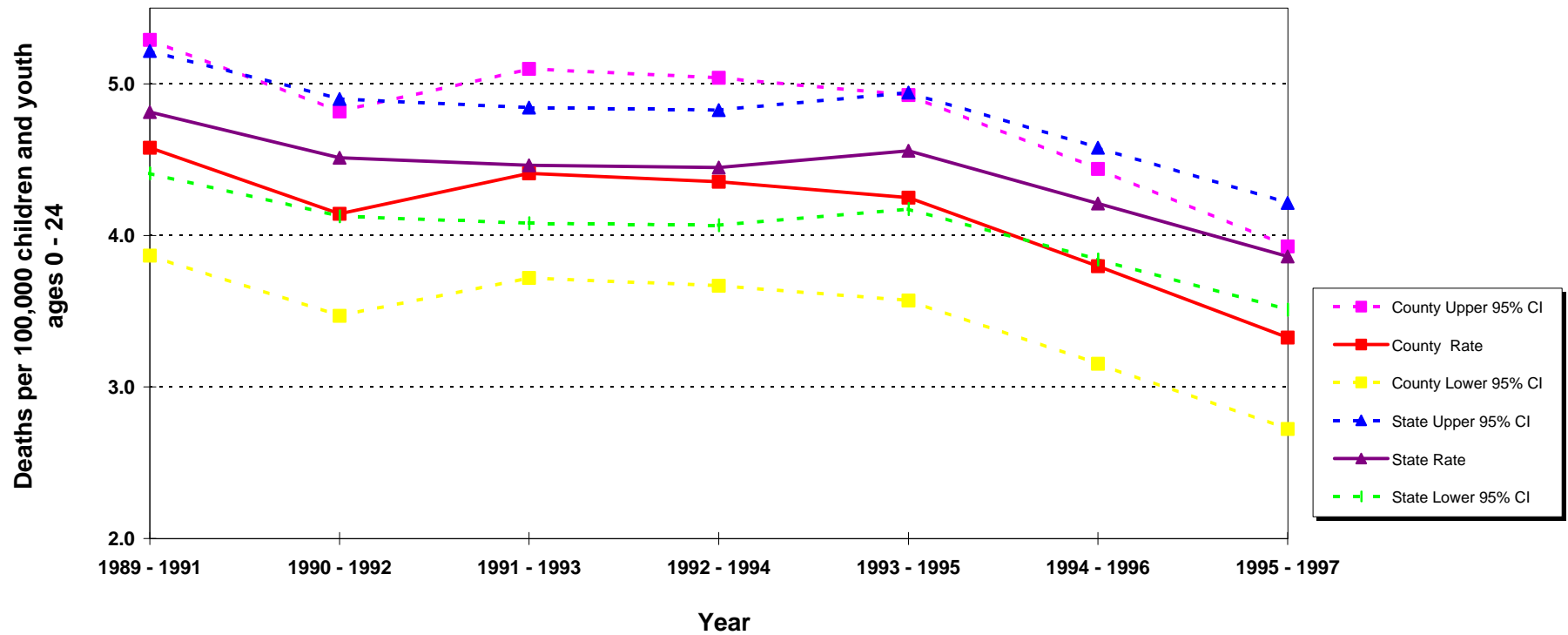
	California				LA County			
			95% Confidence Interval				95% Confidence Interval	
Three Year Average	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1989 - 1991	546	4.8	4.4	5.2	159	4.6	3.9	5.3
1990 - 1992	520	4.5	4.1	4.9	145	4.1	3.5	4.8
1991 - 1993	524	4.5	4.1	4.8	157	4.4	3.7	5.1
1992 - 1994	526	4.4	4.1	4.8	154	4.4	3.7	5.0
1993 - 1995	542	4.6	4.2	4.9	151	4.2	3.6	4.9
1994 - 1996	502	4.2	3.8	4.6	134	3.8	3.2	4.4
1995 - 1997	462	3.9	3.5	4.2	117	3.3	2.7	3.9

**Sources:** 1989-1997 death records from the California Department of Health Services, Center for Health Statistics

Denominator data: Department of Finance, Race/Ethnic Population Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

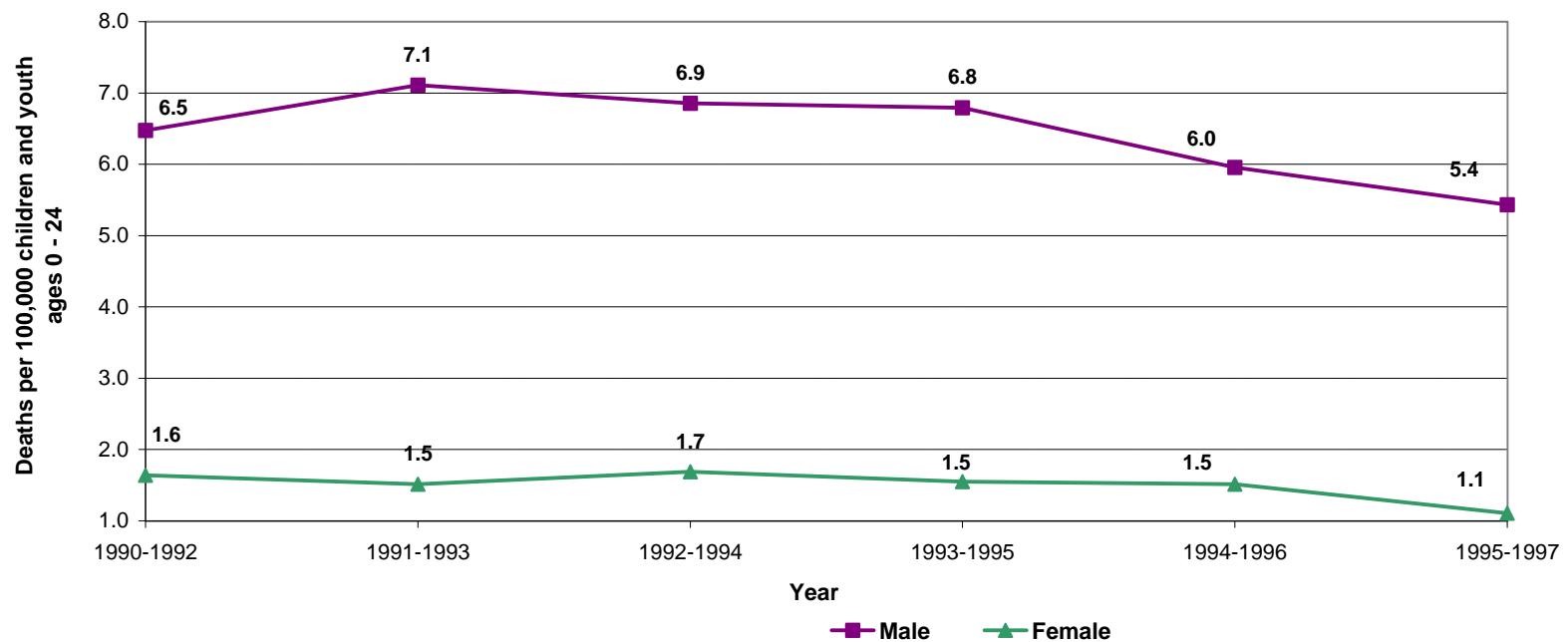
DENOMINATOR: Total population ages 0 through 24			NUMERATOR: Deaths among children and youth (0-24) caused by suicide	
Year	California	LA County	California	LA County
1989	11,190,077	3,476,036	567	176
1990	11,343,158	3,472,855	536	142
1991	11,529,744	3,507,456	535	159
1992	11,743,733	3,552,887	490	135
1993	11,827,912	3,544,537	547	176
1994	11,882,205	3,546,404	541	152
1995	11,916,553	3,529,488	537	124
1996	11,971,762	3,518,026	427	126
1997	12,207,730	3,569,947	423	101

**Deaths Due to Suicide  
per 100,000 Among Ages 0 - 24 Years  
California vs. Los Angeles County  
Three Year Averages: 1989 through 1997**



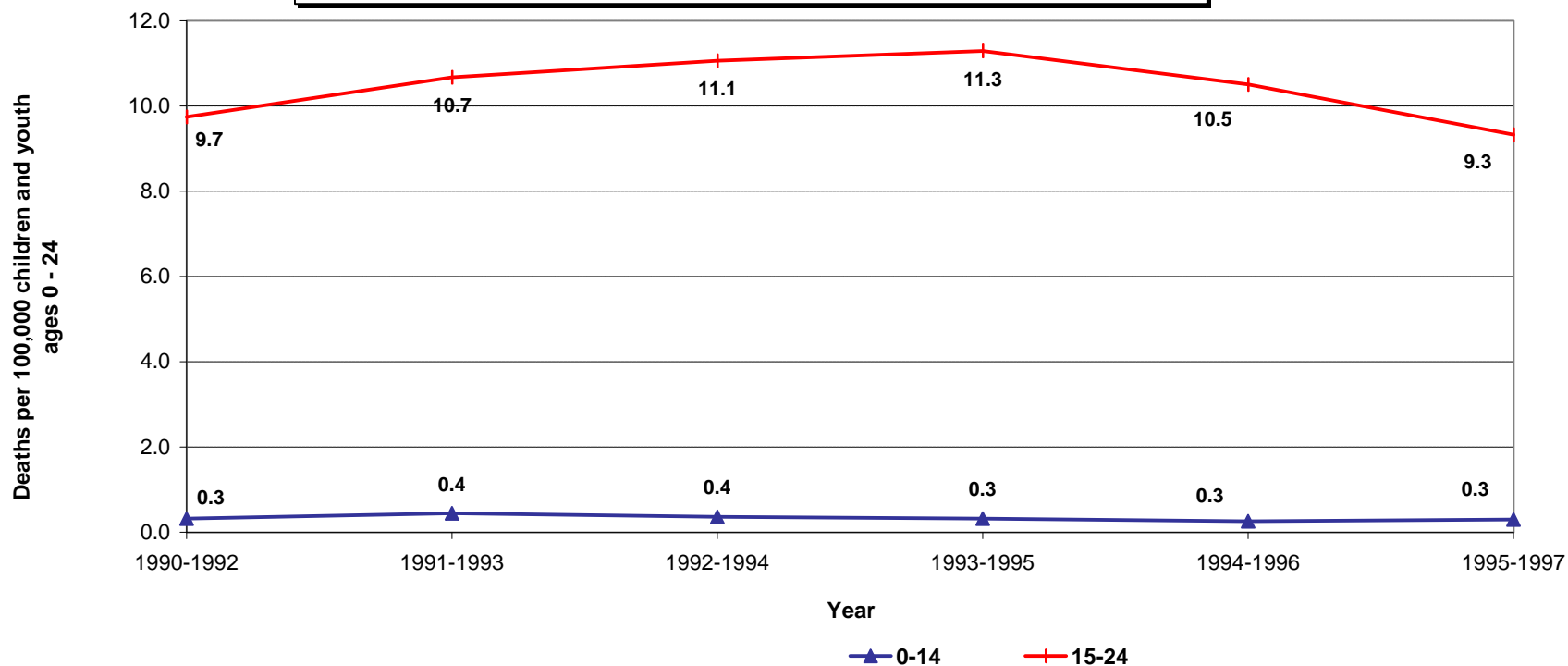
**Sources:** 1989-1997 death records from California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates  
with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

**Deaths Due to Self-Inflicted Injuries  
per 100,000 Children and Youth Ages 0 - 24 by Gender  
Los Angeles County, 3-Year Averages, 1990 - 1997**



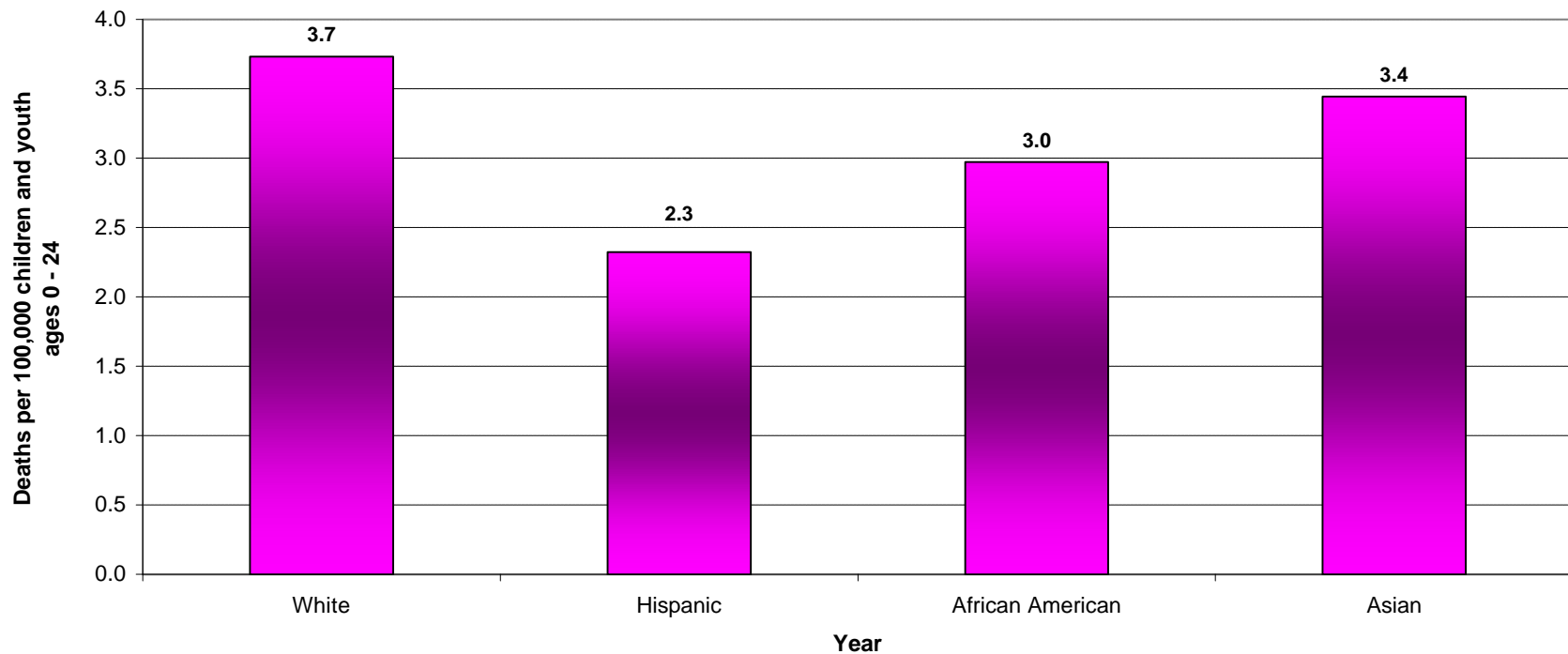
Sources: 1990-1997 death records from the California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, 1970-2040 Race/Ethnic Population Estimates for  
for Counties with Age and Gender Detail, Sacramento, California, December, 1998

**Deaths Due to Self-Inflicted Injuries  
per 100,000 Children and Youth Ages 0 - 24 by Age Group  
Los Angeles County, 3-Year Averages, 1990 - 1997**



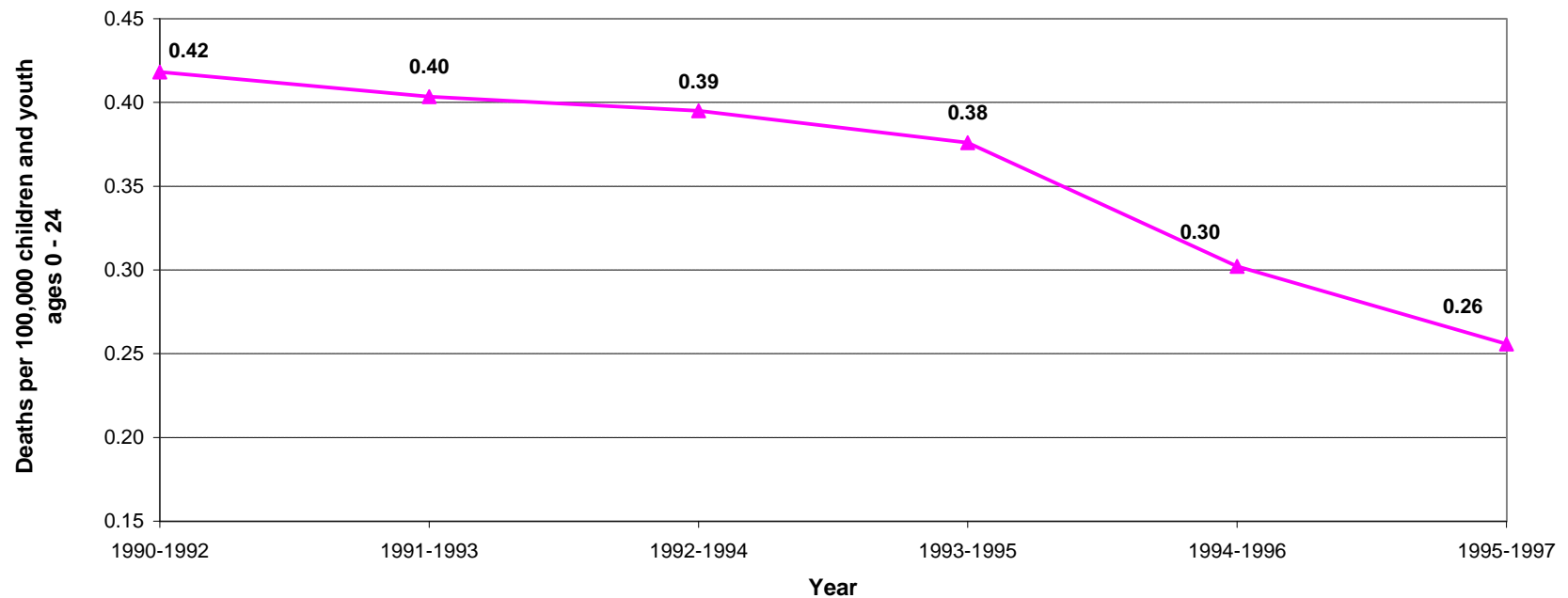
Sources: 1990-1997 death records from the California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, 1970-2040 Race/Ethnic Population Estimates for  
for Counties with Age and Gender Detail, Sacramento, California, December, 1998

**Deaths Due to Self-Inflicted Injuries  
per 100,000 Children and Youth Ages 0 - 24 by Race/Ethnicity  
Los Angeles County, 1997**



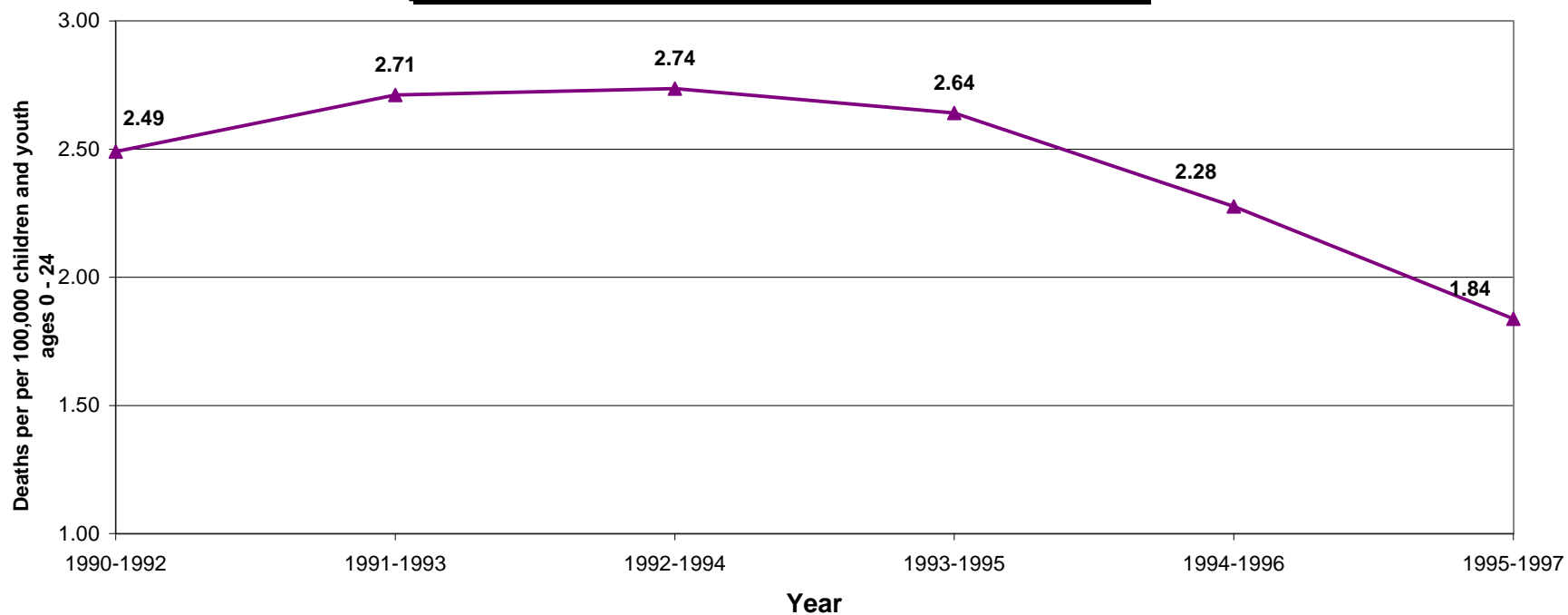
Sources: 1990-1997 death records from the California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, 1970-2040 Race/Ethnic Population Estimates for  
for Counties with Age and Gender Detail, Sacramento, California, December, 1998

**Deaths Due to Self-Inflicted Poisoning  
per 100,000 Children and Youth Ages 0 - 24  
Los Angeles County, 3-Year Averages, 1990 - 1997**



Sources: 1990-1997 death records from the California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, 1970-2040 Race/Ethnic Population Estimates for  
for Counties with Age and Gender Detail, Sacramento, California, December, 1998

**Deaths Due to Self-Inflicted Firearm Injuries  
per 100,000 Children and Youth Ages 0 - 24  
Los Angeles County, 3-Year Averages, 1990 - 1997**



Sources: 1990-1997 death records from the California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, 1970-2040 Race/Ethnic Population Estimates for  
for Counties with Age and Gender Detail, Sacramento, California, December, 1998

## TITLE V INDICATOR TEMPLATES

**INDICATOR:** Deaths caused by motor vehicle crashes among children aged 1 to 14 years

**DEFINITION:** The three year average rate of deaths due to motor vehicle crashes (E-codes 810.0-825.9) per 100,000 per 100,000 children (ages 1 through 14 years)

**NUMERATOR:** The number of deaths due to motor vehicle crashes among children (ages 1 through 14 years), by place of residence (three year average)

**DENOMINATOR:** The total population (ages 1 through 14 years), by place of residence for the middle year of the three year time period of interest

**HEALTHY PEOPLE 2000 OBJECTIVE:**

Reduce deaths caused by motor vehicle crashes to no more than 4.4 per 100,000 children aged 14 and younger (Objective 9.3a)

California MCH Five Year Objective: Reduce deaths among children and youth through age 24 caused by unintentional injuries by at least 15 percent.

**RISK FACTORS:** Low income; race/ethnicity (African American, American Indian, Alaska Native); gender (male); inadequate parental supervision/environmental precautions taken; parental alcohol or substance abuse; lack of health care provider counseling/focus; lack of knowledge about injury protection devices/countermeasures/regulations; lack of consistent legislation/enforcement/use of protective devices; mental health/developmental disability.

### Deaths caused by motor vehicle crashes among children (ages 1 through 14 years)

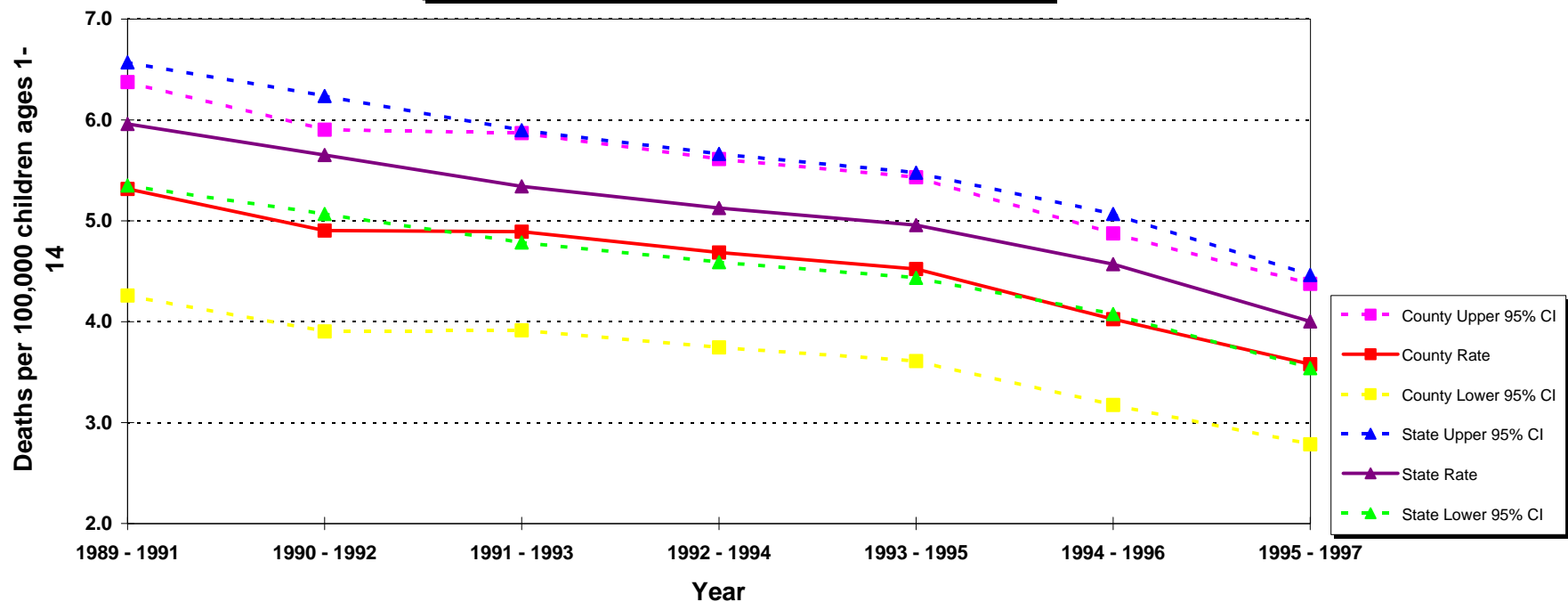
	California				LA County			
			95% Confidence Interval				95% Confidence Interval	
Three Year Average	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1989 - 1991	367	6.0	5.4	6.6	97	5.3	4.3	6.4
1990 - 1992	360	5.7	5.1	6.2	92	4.9	3.9	5.9
1991 - 1993	354	5.3	4.8	5.9	96	4.9	3.9	5.9
1992 - 1994	351	5.1	4.6	5.7	95	4.7	3.7	5.6
1993 - 1995	347	5.0	4.4	5.5	95	4.5	3.6	5.4
1994 - 1996	325	4.6	4.1	5.1	86	4.0	3.2	4.9
1995 - 1997	289	4.0	3.5	4.5	78	3.6	2.8	4.4

**Sources:** 1989-1997 death records from the California Department of Health Services, Center for Health Statistics

Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

DENOMINATOR: Total population ages 1 through 14			NUMERATOR: Deaths among children ages 1 through 14 caused by motor vehicle crashes	
Year	California	LA County	California	LA County
1989	5,972,532	1,801,144	364	98
1990	6,150,887	1,824,234	367	95
1991	6,368,608	1,882,485	369	98
1992	6,633,794	1,969,076	344	84
1993	6,838,145	2,034,285	350	107
1994	6,994,478	2,093,486	358	95
1995	7,116,462	2,136,588	332	82
1996	7,213,270	2,169,419	286	81
1997	7,375,476	2,222,364	248	70

**Deaths Due to Motor Vehicle Crashes  
per 100,000 Children Ages 1 - 14 Years  
California vs. Los Angeles County  
Three Year Averages: 1989 through 1997**



**Sources:** 1989-1997 death records from California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates  
with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

## TITLE V INDICATOR TEMPLATES

**INDICATOR:** Deaths caused by motor vehicle crashes among youth ages 15 through 19 years

**DEFINITION:** The three year average rate of deaths due to motor vehicle crashes (E-codes 810.0-825.9) per 100,000 youth (ages 15 through 19 years)

**NUMERATOR:** The number of deaths due to motor vehicle crashes among youth (ages 15 through 19 years), by place of residence (three year average)

**DENOMINATOR:** The total population (ages 15 through 19 years), by place of residence for the middle year of the three year time period of interest

**HEALTHY PEOPLE 2000 OBJECTIVE:**

Reduce deaths caused by motor vehicle crashes to no more than 26.8 per 100,000 youth aged 15 - 24 (Objective 9.3b)  
California MCH Five Year Objective: Reduce deaths among children and youth through age 24 caused by unintentional injuries by at least 15 percent.

**RISK FACTORS:** Low income; race/ethnicity (African American, American Indian, Alaska Native); gender (male); inadequate parental supervision/environmental precautions taken; parental/personal alcohol or substance abuse; lack of health care provider counseling/focus; lack of knowledge about injury protection devices/countermeasures/regulations; lack of consistent legislation/enforcement/use of protective devices; mental health/developmental disability

### Deaths caused by motor vehicle crashes among youth ( ages 15 through 19 years)

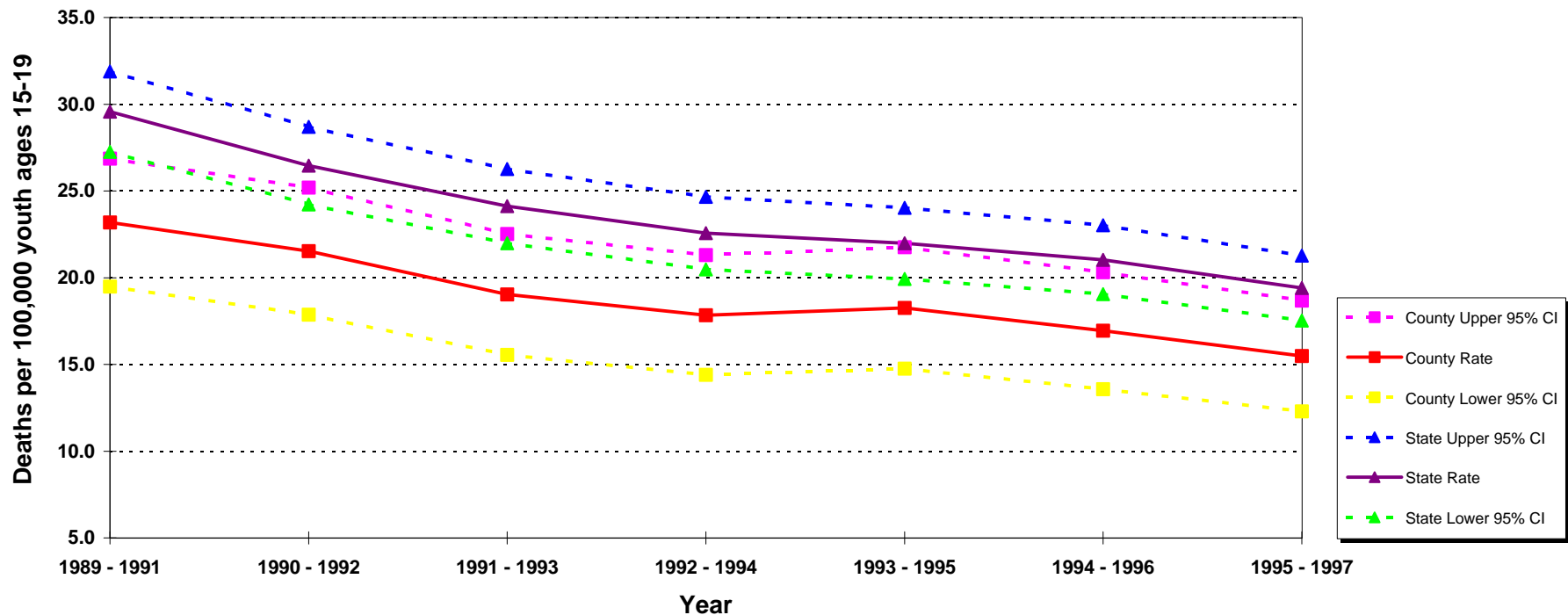
	California				LA County			
			95% Confidence Interval				95% Confidence Interval	
Three Year Average	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1989 - 1991	621	29.6	27.2	31.9	152	23.2	19.5	26.9
1990 - 1992	535	26.5	24.2	28.7	132	21.5	17.9	25.2
1991 - 1993	484	24.1	22.0	26.3	114	19.0	15.5	22.5
1992 - 1994	448	22.6	20.5	24.7	103	17.8	14.4	21.3
1993 - 1995	440	22.0	19.9	24.0	104	18.3	14.8	21.8
1994 - 1996	429	21.0	19.0	23.0	97	17.0	13.6	20.3
1995 - 1997	409	19.4	17.5	21.3	90	15.5	12.3	18.7

**Sources:** 1989-1997 death records from the California Department of Health Services, Center for Health Statistics

Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

DENOMINATOR: Total population ages 15 through 19			NUMERATOR: Deaths among youth ages 15 through 19 caused by motor vehicle crashes	
Year	California	LA County	California	LA County
1989	2,156,382	687,187	712	154
1990	2,100,315	654,262	582	161
1991	2,020,874	614,804	569	140
1992	2,007,522	598,873	453	96
1993	1,985,114	577,217	431	106
1994	2,000,154	571,586	460	107
1995	2,040,940	572,233	428	100
1996	2,109,874	581,204	400	84
1997	2,176,682	592,761	400	86

**Deaths Caused by Motor Vehicle Crashes  
per 100,000 Youth Ages 15 - 19 Years  
California vs. Los Angeles County  
Three Year Averages: 1989 through 1997**



**Sources:** 1989-1996 death records from California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates  
with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

# **TITLE V INDICATOR TEMPLATES**

**INDICATOR:** Deaths due to homicide (assaultive injuries) among youth aged 15 through 19 years

**DEFINITION:** The three year average rate per 100,000 youth (ages 15 through 19) of deaths due to homicide (E-Codes 960.0-969.9)

**NUMERATOR:** The number of deaths due to homicide youth (ages 15 through 19), by place of residence (three year average)

**DENOMINATOR:** The total population ages 15 through 19, by place of residence, for the middle year of the three year time period of interest

**HEALTHY PEOPLE 2000 OBJECTIVE:**  
Reduce homicides to no more than 7.2 per 100,000 people (Objective 7.1)

**RISK FACTORS:** Low income; gender (male); age (teens, young adults); race/ethnicity (African American, Hispanic); history of abuse (victim of spousal/intimates, or child abuse); substance use/abuse; drug trafficking activity; easy access to firearms

## **Deaths due to homicide among youth (aged 15 through 19 years)**

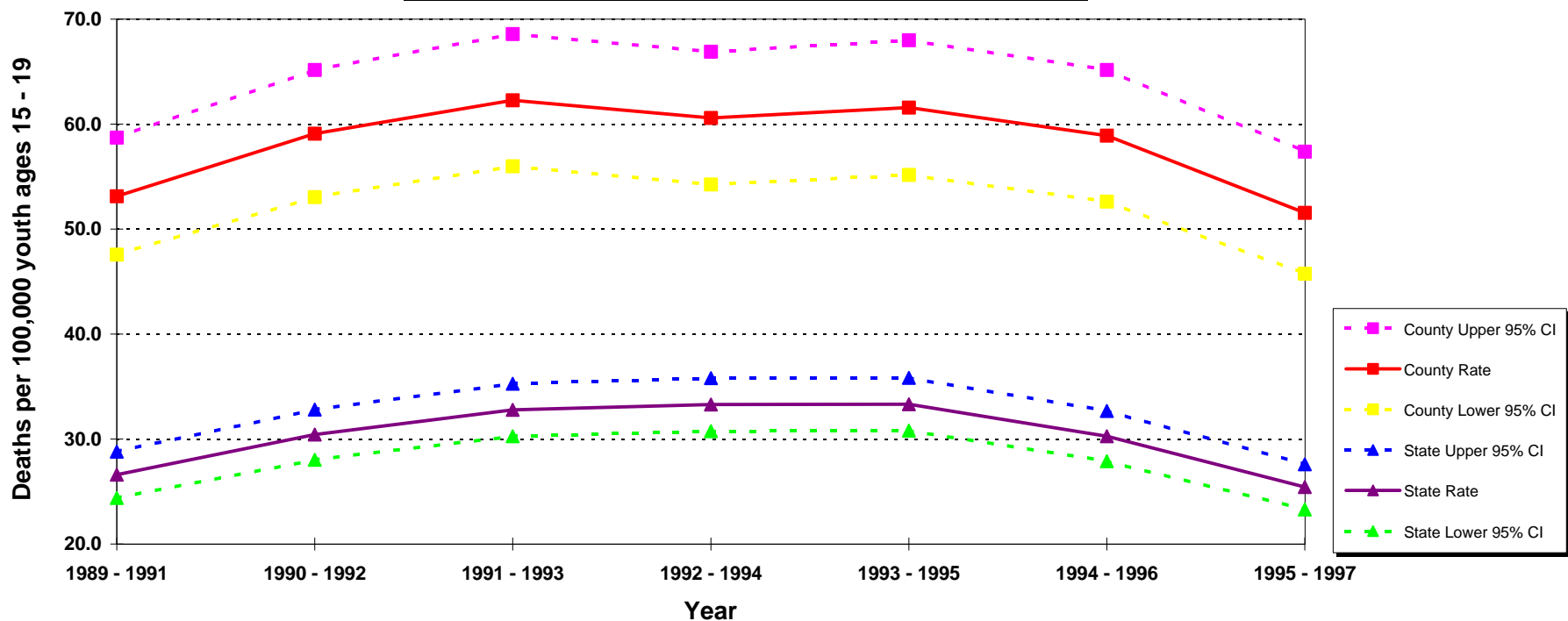
Three Year Average	California				LA County			
			95% Confidence Interval				95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1989 - 1991	559	26.6	24.4	28.8	348	53.1	47.6	58.7
1990 - 1992	615	30.4	28.0	32.8	363	59.1	53.0	65.2
1991 - 1993	658	32.8	30.3	35.3	373	62.3	56.0	68.6
1992 - 1994	661	33.3	30.7	35.8	350	60.6	54.2	66.9
1993 - 1995	666	33.3	30.8	35.8	352	61.6	55.2	68.0
1994 - 1996	618	30.3	27.9	32.7	337	58.9	52.6	65.2
1995 - 1997	537	25.4	23.3	27.6	300	51.6	45.7	57.4

**Sources:** 1989-1997 death records from the California Department of Health Services, Center for Health Statistics

Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

DENOMINATOR: Total population ages 15 through 19			NUMERATOR: Deaths among youth (15 - 19) caused by homicide	
Year	California	LA County	California	LA County
1989	2,156,382	687,187	457	307
1990	2,100,315	654,262	539	319
1991	2,020,874	614,804	680	417
1992	2,007,522	598,873	625	354
1993	1,985,114	577,217	669	348
1994	2,000,154	571,586	688	347
1995	2,040,940	572,233	642	361
1996	2,109,874	581,204	524	303
1997	2,176,682	592,761	444	235

**Deaths Due to Assaultive Injuries (Homicide)  
per 100,000 Youth Ages 15 - 19 Years  
California vs. Los Angeles County  
Three Year Averages: 1989 through 1997**



**Sources:** 1989-1997 death records from California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates  
with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

## TITLE V INDICATOR TEMPLATES

**INDICATOR:** Deaths due to suicide among youth ages 15 to 19 years

**DEFINITION:** The three year average rate per 100,000 youth (ages 15 -19) of deaths due to suicide (E-Codes 950.0-959.9)

**NUMERATOR:** The number of deaths due to suicide among youth (ages 15 -19), by place of residence (three year average)

**DENOMINATOR:** The total population ages 15 through 19, by place of residence, for the middle year of the three year time period of interest

**HEALTHY PEOPLE 2000 OBJECTIVE:**

Reduce suicides for youth aged 15 to 19 to no more than 8.2 per 100,000 people (Objective 7.2a)

**RISK FACTORS:** Mental health disorders (depression, schizophrenia, anti-social personality disorder, panic disorder); substance use/abuse; gender (male); age (youth ages 15-19); race/ethnicity (White, American Indian); previous suicide attempt; inadequate mental health treatment; precipitous or stressful life events; family history of suicide or psychiatric disorders; exposure to suicidal behaviors; family violence; availability of firearms; low income low socioeconomic status/unemployment.

### Deaths due to suicide among youth ages 15 to 19 years

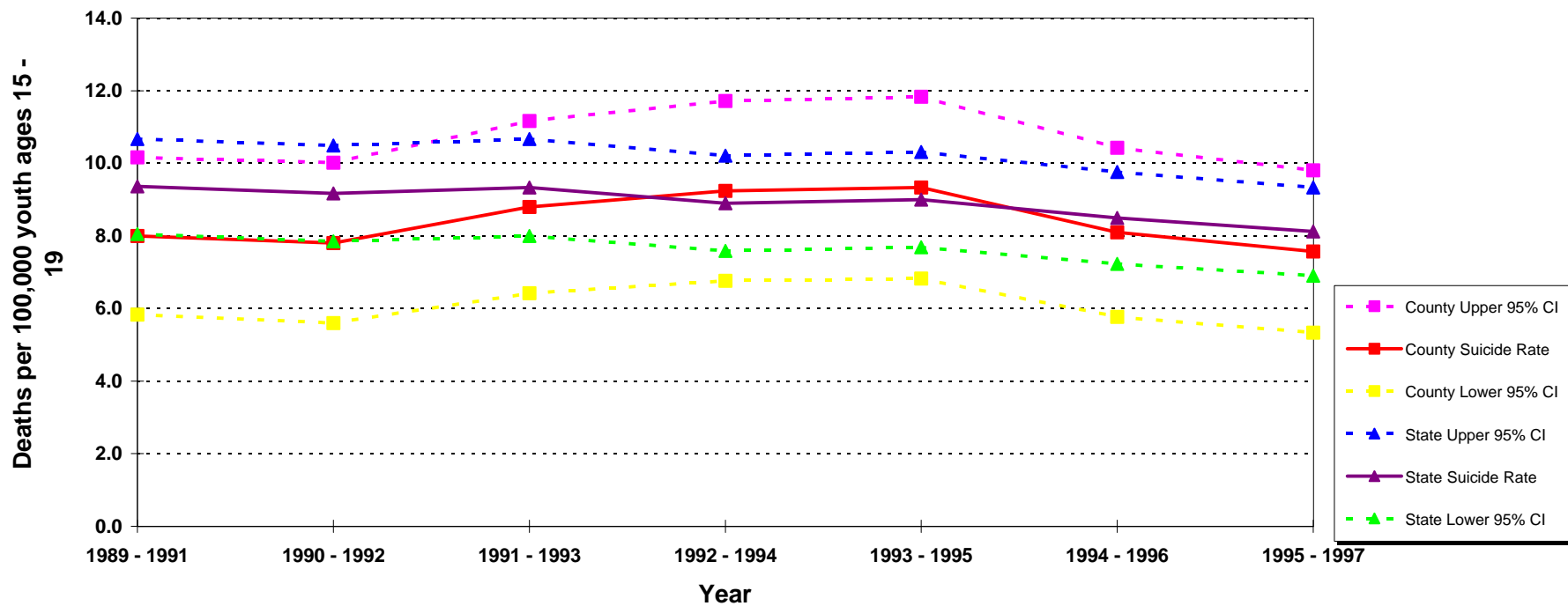
	California				LA County			
			95% Confidence Interval				95% Confidence Interval	
Three Year Average	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1989 - 1991	197	9.4	8.1	10.7	52	8.0	5.8	10.2
1990 - 1992	185	9.2	7.9	10.5	48	7.8	5.6	10.0
1991 - 1993	187	9.3	8.0	10.7	53	8.8	6.4	11.2
1992 - 1994	177	8.9	7.6	10.2	53	9.2	6.8	11.7
1993 - 1995	180	9.0	7.7	10.3	53	9.3	6.8	11.8
1994 - 1996	173	8.5	7.2	9.8	46	8.1	5.8	10.4
1995 - 1997	171	8.1	6.9	9.3	44	7.6	5.3	9.8

**Sources:** 1989-1997 death records from the California Department of Health Services, Center for Health Statistics

Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

DENOMINATOR: Total population ages 15 through 19			NUMERATOR: Deaths among youth 15 - 19 caused by suicide	
Year	California	LA County	California	LA County
1989	2,156,382	687,187	204	61
1990	2,100,315	654,262	193	55
1991	2,020,874	614,804	193	41
1992	2,007,522	598,873	170	48
1993	1,985,114	577,217	199	69
1994	2,000,154	571,586	161	43
1995	2,040,940	572,233	180	48
1996	2,109,874	581,204	179	48
1997	2,176,682	592,761	155	36

**Deaths Due to Suicide  
per 100,000 Youth Ages 15 - 19 Years  
California vs. Los Angeles County  
Three Year Averages: 1989 through 1997**



**Sources:** 1989-1997 death records from California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates  
with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

## TITLE V INDICATOR TEMPLATES

**INDICATOR:** \*Deaths caused by drowning in swimming pools among children aged 1 to 4 years

**DEFINITION:** The three year average rate of deaths due to drowning in swimming pools (E-code 910.8) per 100,000 children (ages 1 through 4 years)

**NUMERATOR:** The number of deaths due to drowning in swimming pools among children (ages 1 through 4 years), by place of residence (three year average)

**DENOMINATOR:** The total population (ages 1 through 4 years), by place of residence for the middle year of the three year time period of interest

**HEALTHY PEOPLE 2000 OBJECTIVE:**

Reduce deaths caused by drowning to no more than 2.3 per 100,000 children aged 4 and younger (Objective 9.5a)  
California MCH Five Year Objective: Reduce deaths among children and youth through age 24 caused by unintentional injuries by at least 15 percent.

**RISK FACTORS:** Inadequate parental supervision/environmental precautions taken; parental alcohol or substance abuse; lack of health care provider counseling/focus

**\*NOTE:** California will report to the federal Maternal and Child Health Bureau on deaths due to drowning in swimming pools among children aged 1 through 4 years.  
The number of events in most local jurisdictions for this indicator will be small. It is suggested that a line listing report be used to monitor this indicator.

### Deaths caused by drowning in swimming pools among children (ages 1 through 4 years)

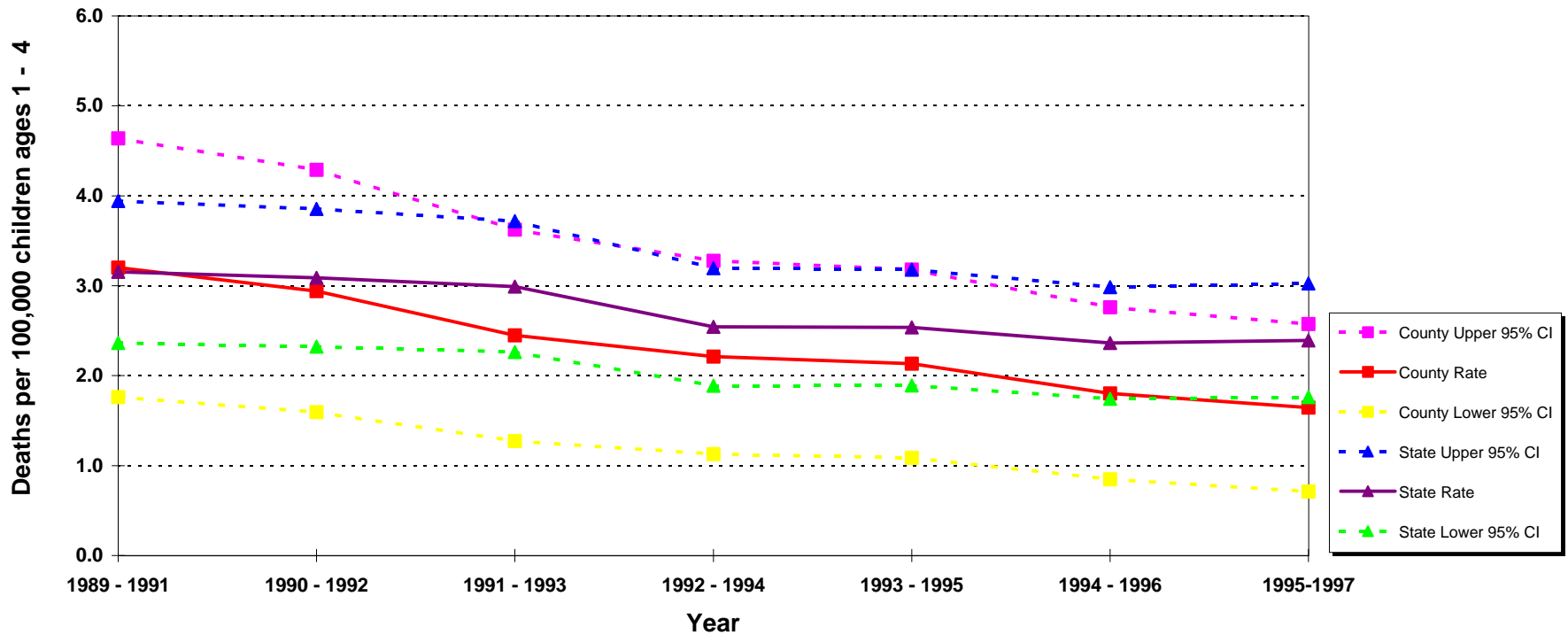
	California				LA County			
			95% Confidence Interval				95% Confidence Interval	
Three Year Average	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1989 - 1991	61	3.2	2.4	3.9	19	3.2	1.8	4.6
1990 - 1992	63	3.1	2.3	3.9	18	2.9	1.6	4.3
1991 - 1993	65	3.0	2.3	3.7	17	2.4	1.3	3.6
1992 - 1994	58	2.5	1.9	3.2	16	2.2	1.1	3.3
1993 - 1995	59	2.5	1.9	3.2	16	2.1	1.1	3.2
1994 - 1996	56	2.4	1.7	3.0	14	1.8	0.8	2.8
1995 - 1997	55	2.4	1.8	3.0	12	1.6	0.7	2.6

**Sources:** 1989-1996 death records from the California Department of Health Services, Center for Health Statistics

Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

DENOMINATOR: Total population ages 1 through 4			NUMERATOR: Deaths among children ages 1 through 4 caused by drowning in swimming pools	
Year	California	LA County	California	LA County
1989	1,897,477	585,614	51	17
1990	1,944,963	593,702	64	22
1991	2,029,037	623,338	69	18
1992	2,173,164	680,384	55	15
1993	2,281,146	722,936	71	17
1994	2,340,237	750,053	48	16
1995	2,356,048	757,710	59	15
1996	2,298,325	730,172	60	10
1997	2,249,298	705,237	46	11

**Deaths Caused by Drowning in Swimming Pools  
per 100,000 Children Ages 1 - 4 Years  
California vs. Los Angeles County  
Three Year Averages: 1989 through 1997**



**Sources:** 1989-1997 death records from California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates  
with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998